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STATED MEETING, MAY 23, 1843.

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO LIBRARY.

Mr. Phillips presented upwards of 200 plates of Guérin's "Magasin de Zoologie" in exchange for several duplicate volumes of the *Encyclopedie Methodique*.

The Botanical Committee presented a "New Index" to the Herbarium of the Academy, with an index, in addition, to the "Mencké Herbarium," in manuscript. The two collections now embrace nearly 3000 genera.

WRITTEN COMMUNICATIONS.

An invitation from the American Philosophical Society to attend the celebration of its Centennial Anniversary on the 25th inst.

VERBAL COMMUNICATIONS.

Dr. Owen exhibited several charts and a large number of very interesting colored drawings, all executed by himself, illustrating the geology of the Western country. These drawings represented all the known fossils characteristic of the various strata of Indiana, Ohio, Illinois, Kentucky, &c., mostly on a magnified scale. Dr. Owen entered into a detailed explanation of these drawings, and pointed out the fossils peculiar to each of the formations.

Professor Rogers followed with some general observations on the geology of the Western States, and also called attention to the remarkable character of the anticlinal axis represented in one of the charts exhibited this evening, which

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illustrated, in a striking manner, his views respecting the constancy of the direction of the ancient and modern forces of elevation in this region of the continent.

MEETING FOR BUSINESS.

MAY 30, 1843.

VICE PRESIDENT MORTON in the Chair.

The Report of the Corresponding Secretary was read and adopted.

The following gentlemen were then elected.

CORRESPONDENT.

James Ombrosi, Esq., U. S. Consul at Florence, Italy.

MEMBER.

Horatio S. Stephens, of Philadelphia.